

Table 1 - DSS L4s Addition

L4_id	rel	req_type	req_status	ver_method	ver_status	text
<u>S-DSS-00085</u>	<u>B1</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The SDSRV CI shall provide the capability to manage, and provide access to, multiple versions of Data Products.</u>
<u>S-DSS-00905</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The SDSRV CI shall provide tools for the incremental backup of the Metadata Database.</u>
<u>S-DSS-00965</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The SDSRV CI shall provide the capability to direct the retrieval and distribution of any data granules listed in the Granule Inventory Metadata, as specified by valid Data Request.</u>
<u>S-DSS-01415</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The SDSRV CI shall log, to the Event Log, failures to successfully complete Service Requests, and shall log the reason for such failures.</u>
<u>S-DSS-01425</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The SDSRV CI shall log, to the Event Log, those Service Requests that fail authorization, the service requested, and the identity of the requesting user.</u>
<u>S-DSS-01435</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The SDSRV CI shall log, to the Event Log, the successful completion of Data Insert Requests.</u>
<u>S-DSS-01445</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The SDSRV CI shall log the following when archived data is inserted, updated, deleted, or accessed:</u> <u>a. User Identifier</u> <u>b. Data and time of the operation performed</u> <u>c. The identity of the data</u>
<u>S-DSS-10245</u>	<u>B1</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The DDSRV CI shall provide the capability to receive and store Data Availability Schedules.</u>
<u>S-DSS-20032</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The STMGT CI shall log, to the Event Log, transmission errors and re-transmission attempts associated with Electronic Distribution Requests.</u>
<u>S-DSS-20034</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The STMGT CI shall log, to the Event Log, all errors associated with media and media handling devices.</u>
<u>S-DSS-20036</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The STMGT CI shall provide, to the Event Log, the capability to log events associated with staging activity and the allocation of staging resources.</u>
<u>S-DSS-20046</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The STMGT CI shall log, to the Event Log, any failure to retrieve a requested file from the archive.</u>
<u>S-DSS-20048</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The STMGT CI shall log, to the Event Log, any failure to retrieve a backup copy of a requested file from the archive.</u>
<u>S-DSS-20085</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The STMGT CI shall log all detected errors and faults to the Event Log.</u>
<u>S-DSS-30275</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The DDIST CI shall log, to the Event Log, failures to successfully complete Media Distribution Requests due to failures with media or media recording devices.</u>
<u>S-DSS-30285</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The DDIST CI shall log, to the Event Log, failures to successfully complete Electronic Distribution Requests due to transmission failures.</u>
<u>S-DSS-30410</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The DDIST CI shall log all detected errors and faults to the Event Log.</u>
<u>S-DSS-30415</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The DDIST CI shall log, to the Event Log, the failure of the retrieval of a data granule.</u>

L4_id	rel	req_type	req_status	ver_method	ver_status	text
<u>S-DSS-30420</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The DDIST CI shall have the capability to log, to the Event Log, the start of the processing of each Data Distribution Request.</u>
<u>S-DSS-30425</u>	<u>B0</u>	<u>functional</u>	<u>approved</u>	<u>demo</u>	<u>unverified</u>	<u>The DDIST CI shall have the capability to log, to the Event Log, the completion of the processing of each Data Distribution Request.</u>

Table 2 - DSS L4s Deletion

L4_id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	text
S-DSS-00065	3223	A	interface	approved	demo	unverified		The SDSRV CI shall accept Service Requests from the Data Processing subsystem and, as a result, provide access to Data for the purpose of standard processing.
S-DSS-00143	12480	B0	functional	approved	demo	unverified	97-0213A	The SDSRV CI shall periodically verify that all data sets stored by the STGMT CI are present and accounted for.
S-DSS-00732	8746	B1	functional	approved	test	unverified	96-1353A	The SDSRV CI shall provide the capability for one Data Server to accept Data Availability Schedules from another Data Server.
S-DSS-00734	10652	B0	functional	approved	demo	unverified	96-1353A	The SDSRV CI shall provide the capability to store Data Availability Schedules.
S-DSS-00831	9798	A						The ACMHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.
S-DSS-00832	9799	A						The WKSHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.
S-DSS-00833	9800	A						The DRPHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.
S-DSS-00834	9801	A						The DIPHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.
S-DSS-00848	9818	B1	interface	approved	test	unverified	97-0225A	The DDIST CI shall collect and provide Distribution Management data to the MSS.
S-DSS-01360	8777	B0	functional	approved	test	unverified	96-1353A	The SDSRV CI shall, in the event of a restart after a processing failure, recover the state of all Service Requests, including the rollback of all incomplete Data Base Transactions, and the recovery of all complete Data Base Transactions.
S-DSS-03496	12876	B0	functional	approved	demo	unverified	97-0293A	The SDSRV CI shall interface with the STMGT CI to provide storage for expedited data.
S-DSS-20065	3622	A	functional	approved	demo			The STMGT CI shall place an entry in the Archive Activity Log corresponding to each Archive Status Request.
S-DSS-20080	3624	A	functional	approved	demo			The STMGT CI shall maintain an Archive Activity Log of all Service Requests received. The log of Service Requests shall be in chronological order and shall include a Request Identifier, the

L4_id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	text
								operation requested, completion status of request and a date/time stamp.
S-DSS-20442	10654	B0	functional	approved	demo	unverified	96-1353A	The STMGT CI shall provide the capability to archive Data Availability Schedules.
S-DSS-20444	10655	B0	functional	approved	demo	unverified	96-1353A	The STMGT CI shall provide the capability to retrieve Data Availability Schedules.
S-DSS-20610	11980	B1	functional	approved	test	unverified	97-0265A	The STMGT CI shall provide the capability to archive multiple versions of Data Granules.
S-DSS-20621	9231	A	functional	approved	test			The STMGT CI shall calculate a checksum for each file associated with each data granule stored in the archive.
S-DSS-20760	3719	A	functional	approved	demo			The STMGT CI shall provide operations staff the capability to view/display/print the Archive Activity Log.
S-DSS-20770	3720	A	functional	approved	demo			The STMGT CI shall provide the capability to sort, extract and/or select Archive Activity Log entries by the following: start/stop time, operation requested, result of request.
S-DSS-20780	3721	A	functional	approved	demo			The STMGT CI shall provide operations staff the capability to view/display/print the Intermediate Activity Log.
S-DSS-20790	3722	A	functional	approved	demo			The STMGT CI shall provide the capability to sort, extract and/or select Intermediate Activity Log entries by the following: start/stop time, intermediate operation, Request Identifier, and staging resource(s).
S-DSS-20880	3731	A	functional	approved	demo			The STMGT CI shall maintain an Intermediate Activity Log. It shall include date/time stamp, operation id (file space alloc./dealloc., media mount/dismount/loads/unload, file read/write/delete), affiliated Request Identifier and associated staging resources.
S-DSS-30040	3810	A	functional	approved	demo			The DDIST CI shall log the following on the Distribution Activity Log whenever an Electronic Distribution Request fails validation: User Identifier, Request Identifier, Date and Time, and an explanation of the failure.
S-DSS-30070	3815	A	functional	approved	demo			The DDIST CI shall log a Distribution Failure Message whenever a Media Distribution Request fails validation.
S-DSS-30256	11263	A	interface	approved	test			The DDIST CI shall interface with MSS to log distribution events and status changes.
S-DSS-30260	3836	A	functional	approved	demo			The DDIST CI shall log the receipt of a Data Distribution Request in the Distribution Activity Log.
S-DSS-30288	3839	A	functional	approved	demo			The DDIST CI shall forward the Distribution Activity Log entries to the SMC.
S-DSS-30290	3840	A	functional	approved	demo			The DDIST CI shall provide operations staff with the capability to display the Distribution Activity Log.
S-DSS-30310	3845	A	functional	approved	demo			The DDIST CI shall provide the capability to sort the Distribution Activity Log by distribution type (i.e., electronic (push/pull) and physical media type (tape, CD-ROM, etc.)).

L4_id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	text
S-DSS-30320	3846	A	functional	approved	demo			The DDIST CI shall record in the Distribution Activity Log the occurrence of correctable errors.
S-DSS-30330	3847	A	functional	approved	demo			If the DDIST CI is unable to distribute data electronically, the User Identifier, the list of data, and the reason for the failure will be logged.
S-DSS-30370	3851	A	functional	approved	demo			The DDIST CI shall log the number of physical media that is created during distribution.
S-DSS-30380	3852	A	functional	approved	demo			The DDIST CI shall log the Media Destination and the number of data items distributed in a physical media distribution.
S-DSS-30390	3853	A	functional	approved	demo			The DDIST CI shall log the Data Destination and the number of data items distributed in an electronic distribution.
S-DSS-30400	3854	A	functional	approved	demo			The DDIST CI shall log the User Identifier for the user that originated the Data Distribution Request.
S-DSS-30710	3885	A	functional	approved	demo			The DDIST CI shall provide the capability to distribute any Data , or appropriate subset, listed in the Inventory. Note: The appropriate subset of a data item is determined by and depends on the subject data type.

Table 3 - DSS L4s Link Addition

<u>RbR id</u>	<u>L4 id</u>
<u>DADS0405#B</u>	<u>S-DSS-00085</u>
<u>DADS0520#B</u>	<u>S-DSS-00710</u>
<u>DADS0600#B</u>	<u>S-DSS-00965</u>
<u>DADS0901#B</u>	<u>S-DSS-01150</u>
<u>DADS0901#B</u>	<u>S-DSS-01400</u>
<u>DADS0901#B</u>	<u>S-DSS-01405</u>
<u>DADS0901#B</u>	<u>S-DSS-01415</u>
<u>DADS0901#B</u>	<u>S-DSS-01425</u>
<u>DADS0901#B</u>	<u>S-DSS-01430</u>
<u>DADS0901#B</u>	<u>S-DSS-01435</u>
<u>DADS0901#B</u>	<u>S-DSS-01445</u>
<u>DADS0901#B</u>	<u>S-DSS-01760</u>
<u>DADS0901#B</u>	<u>S-DSS-20025</u>
<u>DADS0901#B</u>	<u>S-DSS-20032</u>
<u>DADS0901#B</u>	<u>S-DSS-20034</u>
<u>DADS0901#B</u>	<u>S-DSS-20036</u>
<u>DADS0901#B</u>	<u>S-DSS-20045</u>
<u>DADS0901#B</u>	<u>S-DSS-20046</u>
<u>DADS0901#B</u>	<u>S-DSS-20048</u>
<u>DADS0901#B</u>	<u>S-DSS-20085</u>

<u>RbR id</u>	<u>L4 id</u>
<u>DADS0901#B</u>	<u>S-DSS-21330</u>
<u>DADS0901#B</u>	<u>S-DSS-30270</u>
<u>DADS0901#B</u>	<u>S-DSS-30275</u>
<u>DADS0901#B</u>	<u>S-DSS-30280</u>
<u>DADS0901#B</u>	<u>S-DSS-30285</u>
<u>DADS0901#B</u>	<u>S-DSS-30410</u>
<u>DADS0901#B</u>	<u>S-DSS-30415</u>
<u>DADS0901#B</u>	<u>S-DSS-30420</u>
<u>DADS0901#B</u>	<u>S-DSS-30425</u>
<u>DADS0901#B</u>	<u>S-DSS-30431</u>
<u>DADS0901#B</u>	<u>S-DSS-30670</u>
<u>DADS0927#B</u>	<u>S-DSS-30275</u>
<u>DADS0927#B</u>	<u>S-DSS-30285</u>
<u>DADS0927#B</u>	<u>S-DSS-30410</u>
<u>DADS0927#B</u>	<u>S-DSS-30415</u>
<u>DADS0927#B</u>	<u>S-DSS-30420</u>
<u>DADS0927#B</u>	<u>S-DSS-30425</u>
<u>DADS0927#B</u>	<u>S-DSS-30431</u>
<u>DADS0927#B</u>	<u>S-DSS-30670</u>
<u>DADS1030#B</u>	<u>S-DSS-30275</u>
<u>DADS1030#B</u>	<u>S-DSS-30285</u>
<u>DADS1030#B</u>	<u>S-DSS-30420</u>
<u>DADS1030#B</u>	<u>S-DSS-30425</u>
<u>DADS1030#B</u>	<u>S-DSS-30431</u>
<u>DADS1030#B</u>	<u>S-DSS-30670</u>

<u>RbR id</u>	<u>L4 id</u>
<u>DADS1080#B</u>	<u>S-DSS-01435</u>
<u>DADS1080#B</u>	<u>S-DSS-20025</u>
<u>DADS1085#B</u>	<u>S-DSS-01445</u>
<u>DADS1085#B</u>	<u>S-DSS-20045</u>
<u>DADS1110#B</u>	<u>S-DSS-30275</u>
<u>DADS1110#B</u>	<u>S-DSS-30285</u>
<u>DADS1110#B</u>	<u>S-DSS-30410</u>
<u>DADS1110#B</u>	<u>S-DSS-30420</u>
<u>DADS1110#B</u>	<u>S-DSS-30425</u>
<u>DADS1110#B</u>	<u>S-DSS-30431</u>
<u>DADS1110#B</u>	<u>S-DSS-30670</u>
<u>DADS1114#B</u>	<u>S-DSS-20036</u>
<u>DADS1235#B</u>	<u>S-DSS-01970</u>
<u>DADS1300#B</u>	<u>S-DSS-20034</u>
<u>DADS1300#B</u>	<u>S-DSS-20085</u>
<u>DADS1300#B</u>	<u>S-DSS-30410</u>
<u>DADS1300#B</u>	<u>S-DSS-30415</u>
<u>DADS1310#B</u>	<u>S-DSS-20034</u>
<u>DADS1310#B</u>	<u>S-DSS-20046</u>
<u>DADS1310#B</u>	<u>S-DSS-20048</u>
<u>DADS1320#B</u>	<u>S-DSS-00630</u>
<u>DADS1320#B</u>	<u>S-DSS-20085</u>
<u>DADS1320#B</u>	<u>S-DSS-30410</u>
<u>DADS1380#B</u>	<u>S-DSS-30285</u>
<u>DADS1806#B</u>	<u>S-DSS-00965</u>

<u>RbR id</u>	<u>L4 id</u>
<u>DADS2020#B</u>	<u>S-DSS-10245</u>
<u>DADS2315#B</u>	<u>S-DSS-00965</u>
<u>DADS2330#B</u>	<u>S-DSS-00965</u>
<u>DADS2340#B</u>	<u>S-DSS-00965</u>
<u>DADS2345#B</u>	<u>S-DSS-00965</u>
<u>DADS2360#B</u>	<u>S-DSS-00965</u>
<u>DADS2370#B</u>	<u>S-DSS-00965</u>
<u>DADS2380#B</u>	<u>S-DSS-00965</u>
<u>DADS2390#B</u>	<u>S-DSS-00965</u>
<u>DADS2410#B</u>	<u>S-DSS-00965</u>
<u>DADS2430#B</u>	<u>S-DSS-00965</u>
<u>DADS2450#B</u>	<u>S-DSS-00965</u>
<u>DADS2675#B</u>	<u>S-DSS-20032</u>
<u>DADS2675#B</u>	<u>S-DSS-30285</u>
<u>DADS2675#B</u>	<u>S-DSS-30410</u>
<u>EOSD2510#B</u>	<u>S-DSS-01425</u>
<u>EOSD2510#B</u>	<u>S-DSS-01445</u>
<u>IMS-0040#B</u>	<u>S-DSS-01425</u>
<u>IMS-0240#B</u>	<u>S-DSS-00901</u>
<u>IMS-0240#B</u>	<u>S-DSS-00905</u>
<u>IMS-0330#B</u>	<u>S-DSS-30270</u>
<u>IMS-0330#B</u>	<u>S-DSS-30280</u>
<u>IMS-0720#B</u>	<u>S-DSS-01790</u>
<u>IMS-1440#B</u>	<u>S-DSS-00901</u>
<u>IMS-1440#B</u>	<u>S-DSS-00905</u>

<u>RbR id</u>	<u>L4 id</u>
<u>IMS-1620#B</u>	<u>S-DSS-01150</u>
<u>IMS-1620#B</u>	<u>S-DSS-01400</u>
<u>IMS-1620#B</u>	<u>S-DSS-01405</u>
<u>IMS-1620#B</u>	<u>S-DSS-01415</u>
<u>IMS-1620#B</u>	<u>S-DSS-01425</u>
<u>IMS-1620#B</u>	<u>S-DSS-01430</u>
<u>IMS-1620#B</u>	<u>S-DSS-01435</u>
<u>IMS-1620#B</u>	<u>S-DSS-01445</u>
<u>IMS-1620#B</u>	<u>S-DSS-01760</u>
<u>IMS-1646#B</u>	<u>S-DSS-01400</u>
<u>IMS-1646#B</u>	<u>S-DSS-01415</u>
<u>IMS-1646#B</u>	<u>S-DSS-01425</u>
<u>IMS-1646#B</u>	<u>S-DSS-01430</u>
<u>ASTER-0030#B</u>	<u>S-DSS-04020</u>
<u>ASTER-0740#B</u>	<u>S-DSS-04020</u>

Table 4 - DSS L4s Link Deletion

RbR_id	L4_id
DADS0940#B	S-DSS-30431
DADS1310#B	S-DSS-21330
IMS-0030#B	S-DSS-01790
IMS-0140#B	S-DSS-01400
IMS-0140#B	S-DSS-01430
IMS-0550#B	S-DSS-01790
IMS-1720#B	S-DSS-30270
IMS-1720#B	S-DSS-30280

Table 5 - DSS L4s Modification

L4_id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-00015	3213	A	functional	approved	demo	<u>unverified</u>			The SDSRV CI shall insure that each Data Request includes a User Identifier, a Request Priority, and a Data Identifier.
S-DSS-00025	3215	A	functional	approved	demo	<u>unverified</u>			The SDSRV CI shall insure that each Service Request includes a User Identifier, a Request Priority, and all other parameters required for that request.
S-DSS-00813	11296	A B1	functional	incremental	inspection	unverified	96-1042		The database management software used by the SDSRV CI to manage and access product metadata shall offer an API that can be used to develop DAAC-unique metadata search and access services which by pass the SDSRV CI custom software.
S-DSS-01150	3361	A B1	functional	approved	demo	<u>unverified</u>			The SDSRV CI shall log all Service Requests entered during a client session.
S-DSS-01400	9453	IR1 B0	functional	approved	demo	<u>unverified</u>			The SDSRV CI shall log the termination of the processing of a Service Request. <u>The SDSRV CI shall provide the capability to log, to the Event Log, the completion of each Service Request.</u>
S-DSS-01405	9454	IR1 B1	functional	approved	demo	<u>unverified</u>			The SDSRV CI shall log the termination of client session.
S-DSS-01430	9455	IR1 B0	functional	approved	demo	<u>unverified</u>			The SDSRV CI shall log the initiation of the processing of a Service Request. <u>The SDSRV CI shall provide the capability to log, to the Event Log, the initiation of each Service Request.</u>
S-DSS-01790	8790	B0 B1	functional	approved	test	unverified	96-1353A		The SDSRV CI shall provide access to compound data type services.
S-DSS-02904	8794	B0	functional	approved	test	unverified	96-1353A		The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on WRS for products specified in the Data Type Services Matrix. <u>The SDSRV CI shall provide the capability to subset data within a data granule as specified by the Data Type Services Matrix.</u>
S-DSS-20025	3616	A B0	functional	approved	demo	<u>unverified</u>			The STMGT CI shall place an entry in the Archive Activity Log corresponding to each Insert Request. <u>The STMGT CI shall log, to the Event Log, the successful completion of requests to store data files into the archive.</u>
S-DSS-20045	3619	A B0	functional	approved	demo	<u>unverified</u>			The STMGT CI shall place an entry in the Archive Activity Log corresponding to each Retrieve Request. <u>The STMGT CI shall log, to the Event Log, the successful completion of requests to retrieve data files from the archive.</u>
S-DSS-02909	12830	B0	functional	approved	test	unverified	97-0225A		The SDSVR SDSRV CI shall provide the capability to subset MODIS Level 1B data by parameter.
S-DSS-	3783	A	functional	approved	demo	<u>unverified</u>			The STMGT CI shall notify operations staff whenever a device

21330		<u>B0</u>							failure condition occurs. Such failures shall also be logged in the Archive Activity Log.
S-DSS-30270	3837	A <u>B0</u>	functional	approved	demo	<u>unverified</u>			The DDIST CI shall log the following to the Distribution Activity Log, for each Media Distribution Request: User Identifier, Media Identifiers, Media Type/Form Factor, and the Distribution Size. The DDIST CI shall log, to the Event Log, the User Identifier, Data Product(s) Identifiers, Data Destination, and Media Identifiers associated with a completed Media Distribution Request.
S-DSS-30280	3838	A <u>B0</u>	functional	approved	demo	<u>unverified</u>			The DDIST CI shall log the following to the Distribution Activity Log, for each Electronic Distribution Request: User Identifier, Data Destination, and Distribution Size. The DDIST CI shall log, to the Event Log, the User Identifier, Data Product(s) Identifiers, and Data Destination associated with a completed Electronic Distribution Request.
S-DSS-30431	3856	A <u>B0</u>	functional	approved	demo	<u>unverified</u>			The DDIST CI shall log a physical media shipment using the following categories: pending, active, waiting for shipment. The DDIST CI shall log to the Event Log, changes in the status of the shipment of media associated with a Media Distribution Request.
S-DSS-30670	3880	A <u>B0</u>	functional	approved	demo	<u>unverified</u>			If an electronic push distribution fails, DDIST CI shall make a system defined number of additional attempts before aborting the transmission and notifying the originator of the failure. These additional attempts shall be included in the Distribution Activity Log. The DDIST CI shall log, to the Event Log, all occurrences of transmission failures associated with Electronic Distribution Requests.